

EYE SAFE
MIL-SPEC LONG RANGE HANDHELD
LASER RANGEFINDER LRB-20000A
SKU#TY-N53



Military-Gather intelligence and range distances about the front observation, controlling and azimuth survey for ground artillery , etc. Civil-Sight and for shipping , localization and range for oil field ,forest protection ,weather service, survey and selection of positions, etc.

Peculiarity, light weight , portable unit, long rangefinder, high accuracy. Low power consumption , easy to operate.

Product features including:

- The measuring range $\geq 15\text{km}$ (over 22km) @ warship size target at visibility $\geq 15\text{ km}$.
- Eye safe.
- Multiple targets memory: three range to goes, one displayed, two memorized else, all at once, and fetch arbitrarily.
- Small, lightweight, hand held binocular.
- Waterproof , shockproof and working at $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Main functions including:

- Setting of min range.
- Remote measuring.
- Multiple targets indication.
- Ready indication.
- Low-voltage indication.
- No laser indication.
- Over range indication.
- Luminous intensity control
- External power supply being allowable.
- Figure display out of the rangefinder unit.
- Video output --RS232 and the distance signal output

IEYE SAFE MIL-SPEC LONG RANGE HANDHELD LASER RANGEFINDER

LRB-20000A SKU#TY-N53 SPECIFICATION:

Model	TY-N53
Measuring range, km	≥ 15 km @ warship size target at visibility ≥ 15 km
The small measuring range,	≤ 150 m
Measuring unit	meter, paolian, hailian
Magnification, x	7 x
Objective diameter, mm	42 mm
Field of view	7° / 1 mrad
Exit pupil distance, mm	22
Range accuracy	± 5
Times accuracy	$\geq 98\%$
Recognition range, m	≤ 40 m
Diopter adjustment	± 5
Laser protection	Eye-glass being fitted with absorption-type protective glass.
Minimum eye safe distance, m	80 m
Gating rang setting ,m	150 ~ 4000
Gating range setting recognition ,m	30
Laser wavelength, nm	1.06 μ m
Beam divergence, mrad	1.2
Output Energy, mJ	6
Pulse repetition rate, no more.	20 times / min
Pulse width , ns	8 ns
Measure target /time	3 pcs
Measure frequency.	12 times/ min
Build-in battery	Nickel-cadmium 12V/0.3a.h.
Operating times	More than 800 operating time a charging.
Computer output	RS232 interface
Maximum humidity,%	95%
Water Resistance	Rangefinder waterproof, battery compartment waterproof, battery is not waterproof.
Shock Resistance	Shockproof (frequency range :5Hz—200Hz—5Hz. 2.5g * 12 min)
Operating Temperature, °	-40°C ~ +50°C
Dimensions, mm	200x210x92
Weight (kg)	2 kg (including battery)

Total compositions:

1. Eye safe LRB20000A	1
2. Battery charger	1
3. 220V AC input cable	1
4. 120V DC output cable	1
5. Cd-Ni battery (10GNB 0.3AH)	2
6. Framed neutral filter	1
7. Framed orange filter	1
8. Plus driver(75mm)	1
9. Brush	1
10. Cleaning cloth (200mmX200mm)	1
11. Packing case for rangefinder	1
12. Storage box	1
13. Operating Manual	1
14. Packing list	1
15. Certification card	1
16. Measuring angles device.	Optional Accessories
17. Tripod	Optional Accessories
18. Remote measuring cable	Optional Accessories
19. Video output cable.	Optional Accessories
20. Distance signal output device.	Optional Accessories

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